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NPIC/R-1088/63 February 1963

PHOTOGRAPHIC INTERPRETATION REPORT

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BRASS KNOB MISSION 3414 12 FEBRUARY 1963











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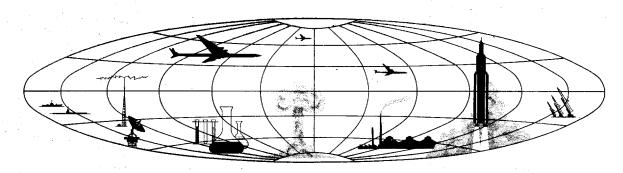
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NPIC/R-1088/63

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IMMEDIATE PHOTOGRAPHIC INTERPRETATION REPORT

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM BRASS KNOB MISSION 3414, DATED 12 FEBRUARY 1963. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

-MISSILES-25X1D SAGUA LA GRANDE MRBM SITE 1 2243N Ø8ØØ1W NO ACTIVITY OR EQUIPMENT OBSERVED. ARCH-ROOFED BUILDING REMAINS. 25X1D 25X1D SAGUA LA GRANDE MRBM SITE 2 2239N Ø7951W NO MILITARY ACTIVITY OR EQUIPMENT OBSERVED. 25X1D 25X1D 25X1D NO MISSILE OR MILITARY ACTIVITY OBSERVED. 25X1D 25X1D MATANZAS CITY, LA CUMBRE ALTA 2304N 08133W NO MISSILE OR MILITARY ACTIVITY NOTED. 25X1D 25X1D MARIEL SAM SITE 2300N 08249W SIX OCCUPIED LAUNCH REVETMENTS, 7 CANVAS-COVERED

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MISSILE TRANSPORTERS, AND OCCUPIED GUIDANCE AREA.

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PODR IMAGE QUALITY PRECLUDES DEFINITE IDENTIFICATION OF MISSILES ON LAUNCHERS.

25X1D

25X1D

MATANZAS SAM SITE 2301N 08129W

SIX LAUNCHERS (4 UNCOVERED), 6 MISSILE TRANSPORTERS, FAN SONG RADAR AND ASSOCIATED EQUIPMENT. SCATTERED CLOUDS PRECLUDE FURTHER INTERPRETATION.

25X1D

25X1D

BAHIA HONDA SAM SITE 2257N Ø8317W

THREE MISSILES ON 3 LAUNCHERS, 5 CANVAS-COVERED MISSILE TRANSPORTERS, AND 4 VANS IN GUIDANCE AREA OBSERVED.
SCATTERED CLOUDS PRECLUDE FURTHER INTERPRETATION.

25X1D

25X1D

HAVANA SAM SITE 2309N 08213W

SITE CONTAINS 6 CANVAS-COVERED MISSILE LAUNCHERS, AND NET-COVERED GUIDANCE SYSTEM. POOR IMAGE QUALITY PRECLUDES FURTHER INTERPRETATION.

25X1D

25X1D

CIENFUEGOS SAM SITE 2202N 08024W

SITE CONTAINS 6 MISSILES ON LAUNCHERS, 3 PROBABLE CANVAS-COVERED MISSILE TRANSPORTERS IN HOLD POSITIONS, AND UNCOVERED GUIDANCE AREA. POOR IMAGE QUALITY PRECLUDES FURTHER INTERPRETATION.

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25X1D

SAGUA LA GRANDE SAM SITE 2251N Ø8ØØ5W

SITE CONTAINS 6 LAUNCHERS AND CANVAS-COVERED GUIDANCE AREA. HAZE PRECLUDES FURTHER INTERPRETATION.

25X1D

25X1D

CAIBARIEN SAM SITE 2228N Ø7929W

SIX REVETTED LAUNCH POSITIONS WITH CANVAS-COVERED LAUNCHERS. OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

25X1D

25X1D

SANCTI SPIRITUS SAM SITE 2147N Ø7929W



AT LEAST 4 OCCUPIED LAUNCH POSITIONS, 6 TRANSPORTERS IN HOLD POSITIONS, AND UNCOVERED GUIDANCE AREA OBSERVED. OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

25X1D

25X1D

MANZANILLO SAM SITE 2018N 07706W

SIX OCCUPIED LAUNCH REVETMENTS, 6 CANVAS-COVERED TRANSPORTERS AND ONE POSSIBLE MISSILE ON TRAILER IN HOLD AREAS. GUIDANCE AREA IS REVETTED AND OCCUPIED. NO APPARENT CHANGE IN FACILITIES.

25X1D

25X1D

MANATI SAM SITE 2113N Ø77Ø2W

SIX OCCUPIED LAUNCH POSITIONS (ONE REVETTED).*
SIX CANVAS-COVERED MISSILE TRANSPORTERS (2 IN EACH OF 3 HOLD AREAS), AND 6 BOGIE TRAILERS. ONE MISSILE TRANSPORTER ON ROAD ADJACENT TO NE HOLD AREA.
GUIDANCE AREA OCCUPIED AND REVETTED.

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25X1D

SENADO SAM SITE 2136N Ø7733W

SITE ABANDONED. NO ACTIVITY OBSERVED.

25X1D

25X1D

DELEITE SAM SITE 2259N Ø8Ø45W

SITE CONTAINS 6 MISSILES ON LAUNCHERS, 7 CANVAS-COVERED MISSILE TRANSPORTERS, AND UNCOVERED GUIDANCE AREA.

25X1D

25X1D

CIEGO DE AVILA SAM SITE 2142N Ø785ØW

FOUR TRANSPORTERS AND 5 LAUNCH POSITIONS OBSERVED IN CLOUD-FREE AREA. LAUNCH POSITIONS APPEAR OCCUPIED.

25X1D

25X1D

DELEITE ALTERNATE SAM SITE 2301N 08044W



NO ACTIVITY NOTED. SITE IS OVERGROWN WITH VEGETATION.

25X1D

25X1D

VICTORIA DE LAS TUNAS SAM ASSEMBLY AREA 2104N 07700W



APPROXIMATELY 26 POSSIBLE PRIME MOVERS, 24 POSSIBLE TRANSPORTERS AND NUMEROUS MISSILE CANNISTERS VISIBLE. APPROXIMATELY 25 UNIDENTIFIED VEHICLES IN MOTOR POOL. NO APPARENT CHANGE IN FACILITIES.

25X1D

25X1D

GUERRA POSSIBLE CRUISE-MISSILE SITE 2300N 08250W



FORTY EIGHT CRUISE-MISSILE CRATES AND NUMEROUS VEHICLES VISIBLE. NO APPARENT CHANGE IN FACILITIES. CLOUD COVER LIMITS INTERPRETATION.

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25X1D -AIRFIELDS-CORONEL PASCUAL AIRFIELD 2307N 08117W AIRCRAFT -- NONE OBSERVED. 25X1D 25X1D MARIEL NAVAL AIR STATION 2300N 08246W NO AIRCRAFT OBSERVED. TWENTY CRATES REMAIN. APPROXIMATELY 30 VEHICLES OBSERVED IN AREA. 25X1D 25X1D PLAYA BARACOA AIRFIELD 2302N 08235W AIRCRAFT -- AT LEAST ONE CRATE, 4 HOUND, AND 12 POSSIBLE UNIDENTIFIED HELICOPTERS OBSERVED. CLOUD SHADOW AND POOR IMAGE QUALITY PRECLUDE DETAILED AIRCRAFT COUNT. 25X1D 25X1D JAIME GONZALES AIRFIELD 2209N 08025W AIRCRAFT -- NONE OBSERVED. RUNWAYS SERVICEABLE. 25X1D 25X1D TRINIDAD AIRFIELD 2147N Ø7959W AIRCRAFT -- NONE OBSERVED. NO CHANGE IN FACILITIES. 25X1D

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-PORTS-

25X1D

MARIEL PORT 2301N 08245W

VESSELS -- 11 KOMAR (10 DOCKED, ONE IN HARBOR), ONE PF, 2 PT, 2 PC. NO OTHER CHANGES OBSERVED.

25X1D

25X1D

PUNTA ALEGRE PORT 2223N Ø7847W



NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED IN PORT AREA.

25X1D

25X1D

CIENFUEGOS PORT 2209N 08027W



VESSELS -- 3 FREIGHTERS, 4 PT, ONE PF, ONE PC, AND NUMEROUS SMALL CRAFT AND BARGES. NO MILITARY EQUIPMENT OBSERVED IN PORT AREA.

25X1D

25X1D

MANZANILLO PORT 2021N 07707W



NO LARGE VESSELS OR UNUSUAL ACTIVITY OBSERVED.

25X1D

25X1D

NUEVITAS PORT 2132N Ø7716W

VESSELS -- 2 LARGE VESSELS (INCLUDING THE KHIMIK ZELENSKIY) AND ONE COASTAL FREIGHTER. APPROXIMATELY 20 RAIL CARS ON DOCK BETWEEN THE 2 LARGER SHIPS.

25X1D

25X1D

LA ISABELA PORT 2256N Ø8ØØ1W

25X1D

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25X1D

25X1D

CAIBARIEN PORT 2232N Ø7928W

NO LARGE VESSELS DBSERVED.

25X1D

25X1D

CARDENAS PORT 23Ø2N Ø8112W

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

25X1D

25X1D

CASILDA PORT 2145N Ø7959W



NO VESSELS OR MILITARY EQUIPMENT OBSERVED IN DOCK AREA.

25X1D

25X1D

MATANZAS PORT 23Ø3N Ø8134W

VESSELS -- 3 FREIGHTERS AND ONE ORE CARRIER AT DOCK. TWO HOUND HELICOPTERS PARKED IN FIELD 1.3 NM WSW OF LANDING BEACH. NO UNUSUAL OR MILITARY EQUIPMENT OBSERVED IN PORT AREA.

25X1D

25X1D

HAVANA PORT 23Ø8N Ø8221W

VESSELS -- 12 FREIGHTERS, ONE COASTAL FREIGHTER, 2 PF, AND ONE PASSENGER SHIP. INCOMPLETE COVERAGE.

25X1D

25X1D

BAHIA HONDA PORT 2255N Ø8311W

NO LARGE VESSELS OBSERVED. NO APPARENT CHANGE IN FACILITIES.

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25X1D -ELECTRONICS-25X1D -MILITARY ACTIVITY-25X1D MANZANILLO AREA, MILITARY CAMP 2017N 07706W POOR IMAGE QUALITY PRECLUDES VEHICLE COUNT. NO APPARENT CHANGE IN FACILITIES. 25X1D 25X1D LA BOCA, MILITARY CAMP 2301N 08242W VEHICLE AND TENT COUNT REMAIN THE SAME. 25X1D 25X1D BAHIA HONDA AREA, MILITARY CAMP 2258N Ø8311W NO APPARENT CHANGE. 25X1D 25X1D CABANAS AREA, MILITARY CAMP 2256N Ø8252W NO APPARENT CHANGE IN FACILITIES. NO VEHICLES OBSERVED. 25X1D 25X1D VICTORIA DE LAS TUNAS, MILITARY CAMP 2054N 07655W NO APPARENT CHANGE EXCEPT 8 VEHICLES OBSERVED.

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25X1D

25X1D

CASCAJAL, MILITARY AREA 2240N 08031W



NO MILITARY ACTIVITY OR EQUIPMENT OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1D

BAJURAYABO, MILITARY AREA 2308N 08210W



NO APPARENT CHANGE IN FACILITIES OR VEHICLE/EQUIPMENT

25X1D

25X1D

SPECIAL AREA HOTEL 2301N 08246W



NO NEW MILITARY ACTIVITY OBSERVED.

25X1D

25X1D

SPECIAL AREA VICTOR 2300N 08234W



NO NEW MILITARY ACTIVITY OBSERVED.

25X1D

25X1D

LAS VILLAS AREA OF SPECIAL INTEREST 2146N Ø7959W



A POSSIBLE MILITARY AREA IS LOCATED IN THE WOODS 5 NM SSW OF CIENFUEGOS AT 22-05N 080-59W. THE ROAD-SERVED, CLEARED AREA CONTAINS 6 LARGE AND 3 SMALLER BUILDINGS, APPROXIMATELY 16 CANVAS-COVERED VEHICLES PARKED IN LINE ON SOUTH EDGE OF CLEARING, AND 3 LARGE AND 6 SMALLER BUILDINGS JUST TO THE SW.

NPIC/R-1Ø88/63 25X1D MATANZAS LANDING BEACH 23Ø1N Ø8126W NO NEW ACTIVITY OBSERVED. 25X1D 25X1D VARADERO LANDING BEACH 2308N 08118W NO NEW ACTIVITY OBSERVED. 25X1D 25X1D CIENFUEGOS LANDING BEACH 2202N 08036W NO NEW MILITARY ACTIVITY OBSERVED. 25X1D 25X1D ENSENADA COLORADO LANDING BEACH 2202N 08025W NO NEW MILITARY ACTIVITY OBSERVED. 25X1D 25X1D TURIGUANO ISLAND SEARCH AREA 2217N Ø7836W NO MILITARY ACTIVITY OBSERVED. 25X1D -UNIDENTIFIED ACTIVITY-25X1D LA BOCA INDUSTRIAL CONSTRUCTION 2301N 08245W INDUSTRIAL CONSTRUCTION CONTINUES. 25X1D

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25X1D



-STATUS OF OTHER TARGETS-

MISSION 3414 DID NOT COVER TARGETS EAST OF 76 DEGREES 30 MINUTES OR WEST OF 84 DEGREES WEST LONGITUDE.

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED --

25X1D

	GUANAJAY IRBM SITE 1	2257N Ø8239W
	REMEDIOS IRBM SITE	2225N Ø7935W
	GUANAJAY IRBM SITE 2	2257N Ø8236W
05V4D		
25X1D		
	ESMERALDA SAM SITE	2155N Ø7813W
	CIEGO DE AVILA SAM ASSEMBLY AREA	2152N Ø7844W
	CAMILO CIENFUEGOS AIRFIELD	2229N Ø7955W
	CAMAGUEY INTERNATIONAL AIRFIELD	2125N Ø7751W
	SAN ANTONIO DE LOS BANOS AIRFIELD	2252N Ø8231W
	PUERTO PADRE PORT	2113N Ø7632W
	CAMAGUEY AREA, MILITARY CAMP 1	2121N Ø775ØW
	REMEDIOS AREA, MILITARY CAMP	2227N Ø7934W
	SANTA CLARA AREA, MILITARY ACTIVITY	2221N Ø7957W
	LIMONAR AREA, MILITARY CAMP	2256N Ø8124W
	CAMAGUEY AREA, MILITARY CAMP	2126N 07753W

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PURIO, MILITARY AREA		Ø7952W
JOVELLANOS, MILITARY AREA	2248N	Ø8112W
CAMPO FLORIDA, MILITARY CAMP	23Ø7N	Ø82Ø6W
GUANABACOA, MILITARY AREA	2307N	Ø8215W
TARARA LANDING BEACH	231ØN	Ø8212W
SAN FRANCISCO DE PAULA, MUNITIONS STORAGE	23Ø3N	Ø8218W
SANTA CLARA AREA, MILITARY INSTALLATION	2224N	Ø7953W
MANICARAGUA AREA, EXPLOSIVES STORAGE SITE	22Ø6N	Ø7958W

